

Title (en)
IMAGE SHIFT CONTROLLER AND DISPLAY DEVICE INCLUDING THE SAME

Title (de)
BILDVERSCHIEBUNGSSTEUERUNG UND ANZEIGEVORRICHTUNG DAMIT

Title (fr)
COMMANDE DE DÉCALAGE D'IMAGE ET DISPOSITIF D'AFFICHAGE COMPRENANT CELUI-CI

Publication
EP 3089145 A1 20161102 (EN)

Application
EP 16167781 A 20160429

Priority
KR 20150061492 A 20150430

Abstract (en)
An image shift controller and a display device including the same, the image shift controller including a starting position generator configured to generate image position information using sample data of first image data, and a shift determiner configured to determine a movement direction and a movement amount of an image using the image position information.

IPC 8 full level
G09G 3/20 (2006.01)

CPC (source: CN EP US)
G09G 3/007 (2013.01 - US); **G09G 3/20** (2013.01 - EP US); **G09G 3/2092** (2013.01 - US); **G09G 5/38** (2013.01 - CN); **G09G 5/38** (2013.01 - US); **G09G 2320/0257** (2013.01 - US); **G09G 2320/045** (2013.01 - US); **G09G 2320/046** (2013.01 - EP US); **G09G 2330/027** (2013.01 - EP US); **G09G 2340/0464** (2013.01 - EP US)

Citation (search report)
• [X] US 2008180452 A1 20080731 - LEE KON-HO [KR], et al
• [A] EP 1486939 A2 20041215 - SONY CORP [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3089145 A1 20161102; EP 3089145 B1 20191016; CN 106098023 A 20161109; CN 106098023 B 20210129; JP 2016212378 A 20161215; JP 6721986 B2 20200715; KR 102349493 B1 20220112; KR 20160129985 A 20161110; TW 201709180 A 20170301; TW I702581 B 20200821; US 10140899 B2 20181127; US 10431133 B2 20191001; US 10810919 B2 20201020; US 2016321973 A1 20161103; US 2019066558 A1 20190228; US 2019371223 A1 20191205

DOCDB simple family (application)
EP 16167781 A 20160429; CN 201610284188 A 20160429; JP 2016002386 A 20160108; KR 20150061492 A 20150430; TW 105113441 A 20160429; US 201615133116 A 20160419; US 201816171306 A 20181025; US 201916543370 A 20190816